

N<sup>o</sup> 18,473



A.D. 1899

*Date of Application, 13th Sept., 1899*

*Complete Specification Left, 4th Oct., 1899—Accepted, 18th Nov., 1899*

### PROVISIONAL SPECIFICATION.

#### **Consolidated Charges for Gazogenes and Seltzogenes.**

SIDNEY BROWN, 31, Caffyn Street, Lambeth, S.E., Manufacturing Perfumer and Chemist and Druggist and Merchant, do hereby declare the nature of this invention to be as follows:—

5 The invention consists of the admixture of tartaric or other acid with bi carbonate of soda in atomic proportions and forming them into a solid tablet of globular, spherical, cube or lozenge form by pressure.

The advantages claimed are impossibility of error in admixture, convenience, cleanliness, evenness of carbonic acid gas production and consequent immunity from accidental explosion or bursting of receptacle and improved facilities for the  
10 production of the carbonic acid gas required.

Dated this 13th day of September 1899.

SIDNEY BROWN.

### COMPLETE SPECIFICATION.

#### **Consolidated Charges for Gazogenes and Seltzogenes.**

15 SIDNEY BROWN, 31, Caffyn Street, Lambeth, London, S.E., Manufacturing Perfumer and Chemist, and Druggist and Merchant, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

20 The invention consists of the admixture of tartaric or other acid with bi-carbonate of soda in atomic proportions and forming them into a solid tablet of globular spherical cube or lozenge form by great pressure.

The process of manufacturing the consolidated charges for gasogenes and seltzogenes is effected by compressing in a metal die or series of metal dies (according to the number of tablets desired to be produced at one operation) by  
25 hydraulic, percussive, or other mechanical pressure, the materials necessary to produce a powerful effervescent—*i.e.* carbonic acid gas, but at such an even rate of carbonic gas production as not to unduly strain the resisting capacity of the gas generating chamber of a gasogene or seltzogene.

This evenness of gas production is obtained to perfection by the absolute  
30 admixture and consolidation by pressure, of tartaric or other crystalline acids with bi carbonate of soda by their forcible compression in metal dies and by the before mentioned mechanical means. In disc or tablet form prefferably of about one inch diameter.

[Price 8d.]

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*Brown's Consolidated Charges for Gazogenes and Seltzogenes.*

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Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

1. Admixture and consolidation of the materials hitherto only used in separate powder form for the generation of carbonic acid gas in gasogenes and seltzogenes, into consolidated tablets, each tablet containing tartaric or other crystalline acid and bi carbonate of soda in the proportions necessary for the purpose. 5

Dated this 4th day of October 1899.

SIDNEY BROWN.

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